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Based on PTO/SB/05
OMB 0651-0032

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 01-616

First Inventor or Application Identifier

HISANAGA et al.

Title FLUID MACHINE

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Commissioner for Patents
Mail Stop Patent Application
Alexandria, VA 22313-1450

1. ☒ * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages **36**]
- Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Background of the Invention
 - Summary of the Invention
 - Brief Description of the Drawings
 - Detailed Description of the Preferred Embodiment
 - Claims
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **10**]
4. Oath or Declaration [Total Sheets **3**]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. § 1.63 (d))
(for continuation/divisional with Box 16 completed)
- i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

*NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT
IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28)

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment Papers (cover sheet & document(s))
Assignee: **DENSO CORPORATION**
8. ☐ 37 C.F.R. § 3.73(b)
Statement (when there is an assignee) ☐ Power of Attorney
9. ☐ English Translation Document (if applicable)
10. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
(should be specifically itemized)
*Small Entity Statement(s) ☐ Statement filed in prior application,
(PTO/SB/09-12) Status still proper and desired
13. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
14. ☒ Other:
15. ☐ Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No:

Prior application information: Examiner

Group/Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

23400

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

| | | | |
|---------|-----------|----------------|--------------------|
| Name | | | |
| Address | | | |
| City | State | Zip Code | |
| Country | Telephone | (703) 707-9110 | Fax (703) 707-9112 |

| | | | |
|-------------------|---|-----------------------------------|----------------|
| Name (Print/type) | DAVID G. POSZ | Registration No. (Attorney/Agent) | 37,701 |
| Signature |  | Date | April 20, 2004 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Mail Stop Patent Application, Arlington, VA 22202.

16698 U.S. PTO
042004

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant Claims small entity status. See 37 CFR 1.27

Complete if Known

Application Number
Filing Date **April 20, 2004**
First Named Inventor **HISANAGA et al.**
Examiner Name
Art Unit
Attorney Docket No. **01-616**

TOTAL AMOUNT OF PAYMENT (\$)**1358**

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account

Deposit Account Number
Deposit Account Name

50-1147

POSZ & BETHARDS, PLC

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|--------------|--------------|----------|----------|------------------------|----------|
| | | 1001 | 770 | Utility filing fee | 770 |
| | | 1002 | 340 | Design filing fee | |
| | | 1003 | 530 | Plant filing fee | |
| | | 1004 | 770 | Reissue filing fee | |
| | | 1005 | 160 | Provisional filing fee | |

SUBTOTAL (1) (\$)**770**

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 14 | -20**= 0 | X 18 | = |
| 6 | -3**= 3 | X 86 | = 258 |
| Multiple Dependent | | 290 | = 290 |

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description |
|--------------|--------------|----------|----------|---|
| | | 1202 | 18 | Claims in excess of 20 |
| | | 1201 | 86 | Independent claims in excess of 3 |
| | | 1203 | 290 | Multiple dependent claim, if not paid |
| | | 1204 | 86 | **Reissue independent claims over original patent |
| | | 1205 | 18 | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)**548**

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|--------------|--------------|----------|----------|--|----------|
| | | 1051 | 130 | 2051 65 Surcharge - late filing fee or oath | |
| | | 1052 | 50 | 2052 25 Surcharge - late provisional filing fee or cover sheet | |
| | | 1053 | 130 | 1053 130 Non-English specification | |
| | | 1812 | 2,520 | 1812 2,520 For filing a request for <i>ex parte</i> reexamination | |
| | | 1804 | 920* | 1804 920* Requesting publication of SIR prior to Examiner action | |
| | | 1805 | 1,840* | 1805 1,840* Requesting publication of SIR after Examiner action | |
| | | 1251 | 110 | 2251 55 Extension for reply within first month | |
| | | 1252 | 420 | 2252 210 Extension for reply within second month | |
| | | 1253 | 950 | 2253 475 Extension for reply within third month | |
| | | 1254 | 1,480 | 2254 740 Extension for reply within fourth month | |
| | | 1255 | 2,010 | 2255 1005 Extension for reply within fifth month | |
| | | 1401 | 330 | 2401 165 Notice of Appeal | |
| | | 1402 | 330 | 2402 165 Filing a brief in support of an appeal | |
| | | 1403 | 290 | 2403 145 Request for oral hearing | |
| | | 1451 | 1,510 | 1451 1,510 Petition to institute a public use proceeding | |
| | | 1452 | 110 | 2452 55 Petition to revive - unavoidable | |
| | | 1453 | 1,330 | 2453 665 Petition to revive - unintentional | |
| | | 1501 | 1,330 | 2501 665 Utility issue fee (or reissue) | |
| | | 1502 | 480 | 2502 240 Design issue fee | |
| | | 1503 | 640 | 2503 320 Plant issue fee | |
| | | 1460 | 130 | 1460 130 Petitions to the Commissioner | |
| | | 1807 | 50 | 1807 50 Processing fee under 37 CFR 1.17(q) | |
| | | 1806 | 180 | 1806 180 Submission of Information Disclosure Stmt | |
| | | 8021 | 40 | 8021 40 Recording each patent assignment per property (times number of properties) | 40 |
| | | 1809 | 770 | 2809 385 Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| | | 1810 | 770 | 2810 385 For each additional invention to be examined (37 CFR § 1.129(b)) | |
| | | 1801 | 770 | 2801 385 Request for Continued Examination (RCE) | |
| | | 1802 | 900 | 1802 900 Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)**40**

SUBMITTED BY

Complete (if applicable)

Name (Print/Type) **DAVID G. POSZ** Registration No. (Attorney/Agent) **37,701** Telephone **(703) 707-9110**
Signature  Date **April 20, 2004**

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.